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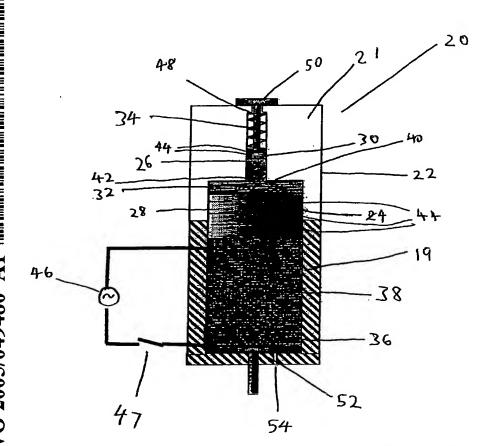
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(54) Title: A METHOD OF ACTUATING AND AN ACTUATOR



(57) Abstract: A method of actuating, comprising: filling at least a portion of a tube (21) with a liquid (19) containing electrolytes, the tube (21) having an inner surface that is electrically chargeable when in contact with the liquid (19); positioning an object (28) in fluid communication with the liquid in the tube; and applying an electrical field (46) along a lengthwise axis across the tube at said portion for producing a pressure in the liquid. The pressure in the liquid exerts a force on the object so as to actuate the object (28, 30). An actuator (20) is also disclosed.



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